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PTO/SB/82 (10-00)
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**REVOCATION OF POWER OF
ATTORNEY OR
AUTHORIZATION OF AGENT**

Application Number	09/655,595
Filing Date	09/06/2000
First Named Inventor	Beausoleil, W.F., et al
Group Art Unit	2811
Examiner Name	Not Yet Assigned
Attorney Docket Number	272/212

I hereby revoke all previous powers of attorney or authorizations of agent given in the above-identified application:

☒ A Power of Attorney or Authorization of Agent is submitted herewith.

OR

☐ Please change the correspondence address for the above-identified application to:

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I am the:

☐ Applicant/Inventor.

☒ Assignee of record of the entire interest. See 37 CFR 3.71.
Certificate under 37 CFR 3.73(b) is enclosed. (Form PTO/SB/96)

SIGNATURE of Applicant or Assignee of Record

Name R. L. Smith McKeithen, Secretary

Signature

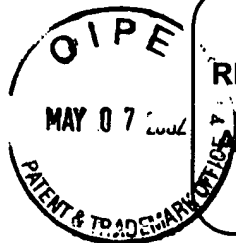
Date

April 22, 2002

NOTE: Signatures of all the inventors or assignees of record of the entire interest or their representative(s) are required.
Submit multiple forms if more than one signature is required, see below*.

☐ *Total of _____ forms are submitted.

Burden Hour Statement: This form is estimated to take 0.2 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Washington, DC 20231.



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**POWER OF ATTORNEY OR
AUTHORIZATION OF AGENT**

Applicati n Numb r	09/655,595
Filing Date	09/06/2000
First Named Inventor	Beausoleil, W.F., et al
Group Art Unit	2188
Examiner Name	Not Yet Assigned
Attorney Docket Number	272/212

I hereby appoint:

☒ Practitioners at Customer Number

22249

☐ Practitioner(s) named below:

Name	Registration Number

as my/our attorney(s) or agent(s) to prosecute the application identified above, and to transact all business in the Patent and Trademark Office connected therewith.

Please change the correspondence address for the above-identified application to:

☒ The above-mentioned Customer Number. Direct all correspondence to Jeffrey A. Miller, Esq.

☐ Practitioners at Customer Number

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Individual Name

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I am the:

☐ Applicant/Inventor.

☒ Assignee of record of the entire interest. See 37 CFR 3.71.

Certificate under 37 CFR 3.73(b) is enclosed. (Form PTO/SB/96).

SIGNATURE of Applicant or Assignee of Record

Name

R.L. Smith McKeithen, Secretary, Cadence Design Systems, Inc.

Signature

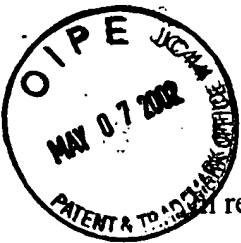
Date

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NOTE: Signatures of all the inventors or assignees of record of the entire interest or their representative(s) are required. Submit multiple forms if more than one signature is required, see below*.

☐ *Total of forms are submitted.

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COPY OF PAPERS
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Patent
Attorney Docket: 272/212

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

re the Application of:

William F. Beausoleil, et al.

Serial No.: 09/655,595

Filed: September 6, 2000

For: High Speed Software Driven Emulator
Comprised Of A Plurality of Emulation
Processors With Improved Board-To-Board
Interconnection Cable Length Identification
System

Group Art Unit: 2811

Examiner: Not Yet Assigned

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Commissioner for Patents
Washington, D.C. 20231

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Enclosed for filing in the above-identified application is the following:

I. DOCUMENTS ENCLOSED:

- ☒ Statement Under 37 CFR 3.73(b) with Exhibit 1 and 2 attached
- ☒ Power of Attorney or Authorization of Agent

CERTIFICATE OF MAILING
(37 C.F.R. §1.8a)

I hereby certify that this paper (along with any referred to as being attached or enclosed) is being deposited with the United States Postal Service on the date shown below with sufficient postage as First Class Mail in an envelope addressed to the Commissioner for Patents, Washington, D.C. 20231.

April 26, 2002
Date of Deposit

Jeffrey A. Miller
Name of Person Mailing Paper

Signature of Person Mailing Paper

- ☒ The Commissioner is authorized to charge Lyon & Lyon's Deposit Account No. **12-2475** for any fees required under 37 CFR §§ 1.16, 1.17 and 1.445 and to credit any overpayments to said Deposit Account No. **12-2475**.

Respectfully submitted,

LYON & LYON LLP

Dated: April 26, 2002

By: 

Jeffrey A. Miller
Reg. No. 35,287

633 West Fifth Street, Suite 4700
Los Angeles, California 90071-2066
(408) 993-1555

STATEMENT UNDER 37 CFR 3.73(b)

Applicant/Patent Owner: Quickturn Design Systems, Inc.

Application No./Patent No.: 09/655,595

Filed/Issue Date: 09/06/2000

Entitled: High Speed Software Driven Emulator Comprised Of A Plurality of Emulation Processors With Improved Board-to-Board Interconnection Cable Length Identification System

Quickturn Design Systems, Inc

a corporation

(Name of Assignee)

(Type of Assignee, e.g., corporation, partnership, university, government agency, etc.)

states that it is:

1. ☒ the assignee of the entire right, title, and interest; or
2. ☐ an assignee of an undivided part interest

in the patent application/patent identified above by virtue of a chain of title from the inventor(s), of the patent application/patent identified above, to the current assignee as shown below:

1. From: William F. Beausoleil, Bryan R. Cook, Tak-Kwong Ng, Helmut Roth, Peter Tannenbaum, Lawrence A. Thomas and Norton J. Tomassetti

To: International Business Machines Corporation

The document was recorded in the United States Patent and Trademark Office at Reel 011145, Frame 0438, or for which a copy thereof is attached.

2. From: International Business Machines Corporation To: Cadence Design Systems, Inc. A copy of a document evidencing this assignment is being recorded herewith. A copy of this document is attached as Exhibit 1.

3. From: Cadence Design Systems, Inc. To: Quickturn Design Systems, Inc. A copy of a document evidencing this assignment is being recorded herewith. A copy of this document is attached as Exhibit 2.

[NOTE: A separate copy (i.e., the original assignment document or a true copy of the original document) must be submitted to Assignment Division in accordance with 37 CFR Part 3, if the assignment is to be recorded in the records of the USPTO. See MPEP 302.8]

The undersigned (whose title is supplied below) is empowered to sign this statement on behalf of the assignee.

April 22, 2002

Date

R.L. Smith McKeithen

Signature

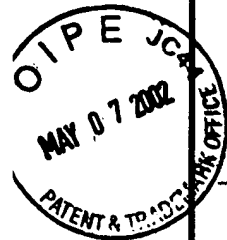
R.L. Smith McKeithen

Typed or printed name

Secretary

Title

Burden Hour Statement: This form is estimated to take 0.2 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Washington, DC 20231.



NOTICE OF PATENT ASSIGNMENT

This **NOTICE OF PATENT ASSIGNMENT** (the "Notice") is executed as of the date below, by **INTERNATIONAL BUSINESS MACHINES CORPORATION**, a New York corporation ("IBM").

WHEREAS, IBM has entered into a "Patent Assignment Agreement" (the "Agreement") with CADENCE DESIGN SYSTEMS, INC., a Delaware corporation ("CADENCE"), dated February 27, 2002 ("Effective Date"), pursuant to which IBM has agreed to, among other things, assign to CADENCE certain United States patents.

WHEREAS, IBM and CADENCE wish to evidence the assignment of such patent rights made in the Agreement with this document.

NOW, THEREFORE, for good and valuable consideration, IBM agrees as follows:

ARTICLE I IBM PATENTS

"IBM Patents" shall mean the patent applications listed in Attachment A.

ARTICLE II ASSIGNMENTS

Effective on the Effective Date, and subject to the terms and conditions of the Agreement, including certain reserved rights, IBM has assigned, transferred and conveyed to CADENCE all of IBM's right, title and interest in the IBM Patents.

IN WITNESS WHEREOF, IBM has caused this Notice to be executed.

INTERNATIONAL BUSINESS MACHINES CORPORATION

By: 

Gerald Rosenthal

Vice President, Intellectual Property and Licensing

Date: March 8, 2002

ATTACHMENT A TO IBM PATENT ASSIGNMENT ACKNOWLEDGEMENT

09/655,596

09/656,541

09/193,733

09/523,053

09/656,146

09/373,125

09/655,595

09/656,147

09/796,055

09/522,354

ASSIGNMENT OF PATENT APPLICATIONS

Whereas, CADENCE DESIGN SYSTEMS, INC., a corporation organized and existing under and by virtue of the laws of the Delaware and having its place of business at 2655 Seely Avenue, San Jose, California 94134 ("CADENCE"), owns of all right, title and interest in the inventions claimed and/or disclosed in following United States Patent Applications ("the Patent Applications"):

Patent Application Number	Date Patent Application Filed	Inventors	Title
09/655,596	09-06-00	Beausoleil, W.F., et al	High Speed Software Driven Emulator Comprised of a Plurality of Emulation Processors with a Method to Allow Memory Read/Writes Without Interrupting the Emulation
09/656,541	09-06-00	Beausoleil, W.F., et al	High Speed Software Driven Emulator Comprised of a Plurality of Emulation Processors with a Method to High Speed Bulk Read/Write Operation Synchronous DRAM While Refreshing the Memory
09/193,733	11-17-98	Ruedinger, J.	Algorithm to Separate Clock Domains for Emulation Purposes
09/523,053	03-10-00	Ruedinger, J., et al	Methods to Improve Concurrent Behavior Modeling with Emulation
09/656,146	09-06-00	Beausoleil, W.F., et al	High Speed Software Driven Emulator Comprised of a Plurality of Emulation Processors with

			Improved Multiplexed Data Memory
09/373,125	08-12-99	Beausoleil, W.F., et al	Clustered Processors in an Emulation Engine
09/655,595	09/06/00	Beausoleil, W.F., et al	High Speed Software Driven Emulator Comprised of a Plurality of Emulation Processors with an Improved Board-to-Board Interconnection Cable
09/656,147	09/06/00	Beausoleil, W.F., et al	High Speed Software Driven Emulator Comprised of a Plurality of Emulation Processors with an Improved Maintenance Bus that Streams Data
09/796,055	02-28-00	Beausoleil, W.F., et al	High Bandwidth 3D Memory Packaging Technique
09/522,354	03-09-00	Musselman, R., et al	Non-synchronous Hardware Emulator

Whereas QUICKTURN DESIGN SYSTEMS, INC., a corporation organized and existing under and by virtue of the laws of the Delaware and having its place of business at 2655 Seely Avenue, San Jose, California 94134 ("QUICKTURN"), is desirous of acquiring the entire right, title and interest in the inventions claimed and/or disclosed in the Patent Applications;

For good and valuable consideration, the receipt and sufficiency of which is hereby acknowledged, CADENCE hereby sells, assigns, transfers and sets over unto QUICKTURN, its successors and assigns, the full and exclusive right, title and interest to the inventions claimed and/or disclosed in the Patent Applications and to all Letters Patent or application or similar legal protection, not only in the United States and its territorial possessions, but in all countries foreign thereto to be obtained for the inventions claimed and/or disclosed in the Patent Applications, and to any continuation, division, renewal, substitute or reissue thereof or any legal equivalent thereof in the United States or a foreign country for the full term or terms for which the same may be granted, including all priority rights under the International Convention; the Patents to be held and enjoyed by QUICKTURN for its own use and behalf, and for QUICKTURN'S legal

representatives and assigns, to the full end of the term for which any Letters Patents are granted, as fully and entirely as the same would have been held by CADENCE had this assignment and sale not been made. CADENCE hereby authorizes and requests the United States Commissioner of Patents and Trademarks and any officials of foreign countries whose duty it is to issue patents or any legal equivalent thereof to QUICKTURN, its successors and assigns, in accordance with this Assignment.

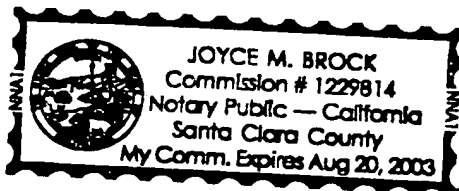
Executed this 22nd day of April, 2002, at
San Jose, CA

R.L. Smith McKeithen
R.L. Smith McKeithen
Secretary, CADENCE DESIGN SYSTEMS, INC.

STATE OF CALIFORNIA)
) ss
COUNTY OF SANTA CLARA)

On 4/22/02 before me, Joyce M. Brock, personally appeared
R.L. Smith McKeithen ☒ personally known to me - OR - ☐ proved to me on the basis
of satisfactory evidence to be the person(s) whose name(s) is/~~are~~ subscribed to the within
instrument and acknowledged to me that he/~~she~~/they executed the same in his/~~her~~/~~their~~
authorized capacity(ies), and that by his/~~her~~/~~their~~ signature(s) on the instrument the person(s), or
the entity upon behalf of which the person(s) acted, executed the instrument.

WITNESS my hand and official seal.



Joyce M. Brock
Notary Public in and for said County and State